

CACHING AND ACCESSING RIGHTS IN A DISTRIBUTED COMPUTING SYSTEM

Abstract

5 A system and method for caching and accessing rights in a distributed computing system is disclosed. An agent, that is located on a Distributed Deputization Point (DPP) parses a directory service. The agent then updates the rights to an Access Control List (ACL) cache. The ACL cache then receives, from an authenticated user, a request for the rights. The ACL cache 10 retrieves the rights and forwards them to the user. The user may now access certain resources based on the rights it has obtained the first time it accesses these resources. Additionally, if the user attempts to access certain resources that are not contained in the ACL cache, a resource manger is invoked which provides the access control rights for the missing resources to the ACL cache.

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